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SERIAL NUMBER	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
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08/472,876 06/07/95 GARCIA

A TRD-001-1A  
EXAMINER

OH, M

ART UNIT PAPER NUMBER

8

26M2/0402  
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2608

DATE MAILED:

04/02/96

This is a communication from the examiner in charge of your application.  
COMMISSIONER OF PATENTS AND TRADEMARKS

☒ This application has been examined ☒ Responsive to communication filed on 2/22/96 ☐ This action is made final.

A shortened statutory period for response to this action is set to expire 3 month(s), — days from the date of this letter.  
Failure to respond within the period for response will cause the application to become abandoned. 35 U.S.C. 133

**Part I THE FOLLOWING ATTACHMENT(S) ARE PART OF THIS ACTION:**

- |   |  |
|---|--|
| 1. <input type="checkbox"/> Notice of References Cited by Examiner, PTO-892.        | 2. <input checked="" type="checkbox"/> Notice of Draftsman's Patent Drawing Review, PTO-948. |
| 3. <input checked="" type="checkbox"/> Notice of Art Cited by Applicant, PTO-1449.  | 4. <input type="checkbox"/> Notice of Informal Patent Application, PTO-152.                  |
| 5. <input type="checkbox"/> Information on How to Effect Drawing Changes, PTO-1474. | 6. <input type="checkbox"/>  |

**Part II SUMMARY OF ACTION**

1. ☒ Claims 1 to 30 are pending in the application.

Of the above, claims — are withdrawn from consideration.

2. ☒ Claims 1, 3, 4, 6, 7, 11, 13, 16, & 19-20 have been cancelled.

3. ☒ Claims 12 are allowed.

4. ☒ Claims 2, 5, 8-10, 14, 15, 17-18, & 21-30 are rejected.

5. ☐ Claims — are objected to.

6. ☐ Claims — are subject to restriction or election requirement.

7. ☐ This application has been filed with informal drawings under 37 C.F.R. 1.85 which are acceptable for examination purposes.

8. ☐ Formal drawings are required in response to this Office action.

9. ☐ The corrected or substitute drawings have been received on —. Under 37 C.F.R. 1.84 these drawings are ☐ acceptable; ☐ not acceptable (see explanation or Notice of Draftsman's Patent Drawing Review, PTO-948).

10. ☐ The proposed additional or substitute sheet(s) of drawings, filed on —, has (have) been ☐ approved by the examiner; ☐ disapproved by the examiner (see explanation).

11. ☐ The proposed drawing correction, filed —, has been ☐ approved; ☐ disapproved (see explanation).

12. ☐ Acknowledgment is made of the claim for priority under 35 U.S.C. 119. The certified copy has ☐ been received ☐ not been received ☐ been filed in parent application, serial no. —; filed on —.

13. ☐ Since this application appears to be in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11; 453 O.G. 213.

14. ☐ Other

EXAMINER'S ACTION

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1. The following is a quotation of the first paragraph of 35 U.S.C. § 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

The specification is objected to under 35 U.S.C. § 112, first paragraph, as failing to provide an enabling disclosure. On page 3, second paragraph, the applicant has disclosed that the electronic audio signal will normally include a wide range of audio frequencies. The respective input levels are adjusted at potentiometer 74 so that the input signal levels of the two channels are about equal and to allow input amplifiers 78 to amplify the input signals to the maximum extent possible without clipping or otherwise adversely distorting the input signals. The audio signals are then enhanced through energy transfer system 54 and the enhanced signals adjusted in level by respective potentiometer 96 and for the desired flat frequency response by respective potentiometer 112 which can also be used to alter the shaping networks 109 somewhat to adjust the tonal quality as desired for the listener. Therefore, it is unclear to the examiner how can the enhanced audio signal be nonlinear with frequencies increased in amplitude as per increased in frequencies from a reference frequency toward its high end, over at least a portion of its frequency bandwidth, to a high frequency peak as claimed.

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2. Claims 2, 5, 8 to 10, 14 to 15, 17 to 18, 21 to 24, 25 to 30 rejected under 35 U.S.C. § 112, first paragraph, for the reasons set forth in the objection to the specification.

See above.

3. Reference to JP 11-086008 and JP 23-011006 have only received cursory review in view that full text have not been provided.

4. Claim 12 is allowable in view of the prior art.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Minsun Oh whose telephone number is (703) 308-6741.



Minsun Oh  
Patent Examiner  
Group 2608

M.O.  
March 29, 1996